

APPENDIX I: 9600 THERMAL CYCLER QUALITY CONTROL WORK SHEETS	Page 1 of 2
QUALITY ASSURANCE PROGRAM DNA TYPING OF BIOLOGICAL MATERIALS - FORENSIC BIOLOGY SECTION PROCEDURE MANUAL, SECTION VI	Issue No.: 3
Effective Date: 11-January-2005	

APPENDIX I: 9600 THERMAL CYCLER QUALITY CONTROL WORKSHEETS

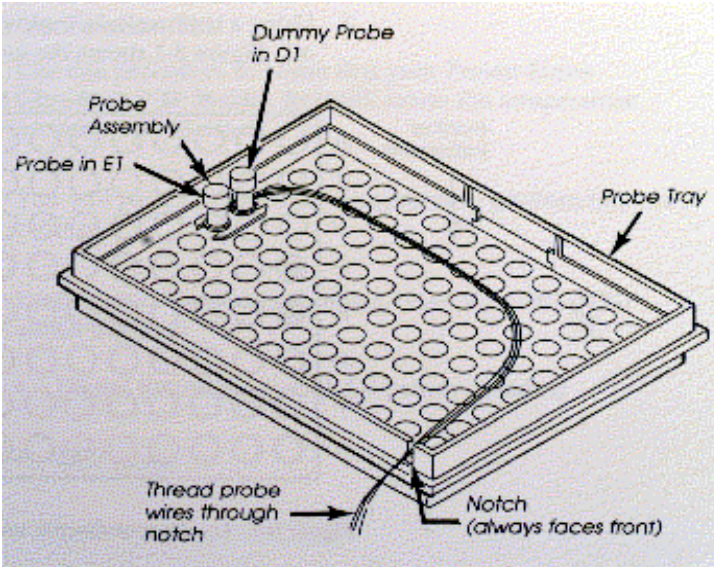
**QUALITY ASSURANCE/QUALITY CONTROL WORKSHEETS
DIVISION OF FORENSIC SCIENCE
THERMAL CYCLER 9600 DIAGNOSTIC TESTS**

Instrument Name: _____

ANALYST _____ DATE _____

A. **Diagnostic Test #2:** Heater Test -- PASSED _____ FAILED _____

B. **Diagnostic Test #3:** Chiller Test -- PASSED _____ FAILED _____



C. **Diagnostic Test #5:** Verify Calibration

Block average at 95°C = _____ °C - High Offset (instrument dependent) = _____

PASSED _____ FAILED _____

Block average at 40°C = _____ °C - Low Offset (instrument dependent) = _____

PASSED _____ FAILED _____

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<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>Plate Location</td> <td>95°C</td> <td>40°C</td> <td>Plate Location</td> <td>95°C</td> <td>40°C</td> <td>Plate Location</td> <td>95°C</td> <td>40°C</td> <td>Plate Location</td> <td>95°C</td> <td>40°C</td> </tr> <tr> <td>A 1-2</td> <td></td> <td></td> <td>C 1-2</td> <td></td> <td></td> <td>E 1-2</td> <td></td> <td></td> <td>H 1-2</td> <td></td> <td></td> </tr> <tr> <td>A 4-5</td> <td></td> <td></td> <td>C 4-5</td> <td></td> <td></td> <td>E 4-5</td> <td></td> <td></td> <td>H 4-5</td> <td></td> <td></td> </tr> <tr> <td>A 8-7</td> <td></td> <td></td> <td>C 8-7</td> <td></td> <td></td> <td>E 8-7</td> <td></td> <td></td> <td>H 8-7</td> <td></td> <td></td> </tr> <tr> <td>A 12-11</td> <td></td> <td></td> <td>C 12-11</td> <td></td> <td></td> <td>E 12-11</td> <td></td> <td></td> <td>H 12-11</td> <td></td> <td></td> </tr> </table>		Plate Location	95°C	40°C	Plate Location	95°C	40°C	Plate Location	95°C	40°C	Plate Location	95°C	40°C	A 1-2			C 1-2			E 1-2			H 1-2			A 4-5			C 4-5			E 4-5			H 4-5			A 8-7			C 8-7			E 8-7			H 8-7			A 12-11			C 12-11			E 12-11			H 12-11		
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Results: 1 At 95°C: Highest Temperature (____ °C) - Lowest Temperature (____ °C) = ____ °C PASSED ____ FAILED ____ 2 At 40°C: Highest Temperature (____ °C) - Lowest Temperature (____ °C) = ____ °C PASSED ____ FAILED ____																																																													
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